

RM001, RM1X3

Remote Control

External lighting converter



IMPORTANT
ALWAYS ISOLATE MAINS
POWER SUPPLY PRIOR TO
CONNECTING THE MODULE.

1. INTRODUCTION

This kit enables you to convert light fittings to remote control. The maximum load when used with filament (incandescent) lighting is 5A (1000W), and with inductive lighting (fluorescent, switching low voltage lighting) is 3A (600W).

Because the remote control is RF it will transmit through walls and ceilings. Each pack is supplied with a built in code to help prevent interference from other packs operating in close proximity.

2. INSTALLING THE MODULE

Figure 1 shows the lighting module being used to control a 500 Watt halogen outdoor light. The module may be used for other types of lighting such as fluorescent strip lighting, low voltage lighting etc.

If the module is mounted within a metal enclosure, it may impair the operational range.

NOTE: All wiring connections are undertaken within the waterproof enclosure of the lighting appliance. Cabling **must** exit the module from the lower face to avoid water penetration.

**DO NOT EXCEED A 1000W LOAD FOR
LIGHTING AND SIMILAR RESISTIVE LOADS.**

**FOR MAXIMUM INDUCTIVE LOADING REFER
TO RELAY MARKINGS.**

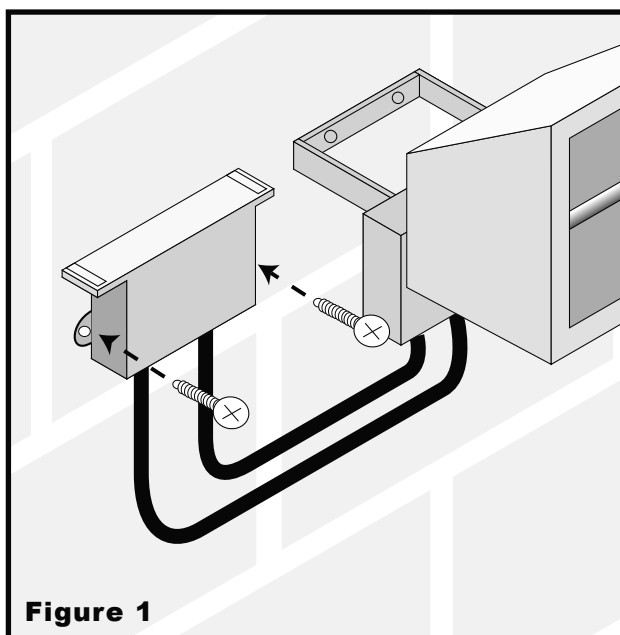



Figure 1

The lighting module features a mains input cable. This provides power to the lighting module and also the load.

The input to the module must originate from your existing 5A protected lighting circuit. If you do not already have an existing mains source to the light fitting, and are unsure how to achieve this - seek professional advice.

EARTHING REQUIREMENTS

The module features the ability to provide an earth through circuit. If your appliance is marked with the  symbol, then it may not have an earth connection present. In all other instances the earthing must be connected in accordance with the appliance manual. Unconnected wiring must be securely terminated within a connecting block

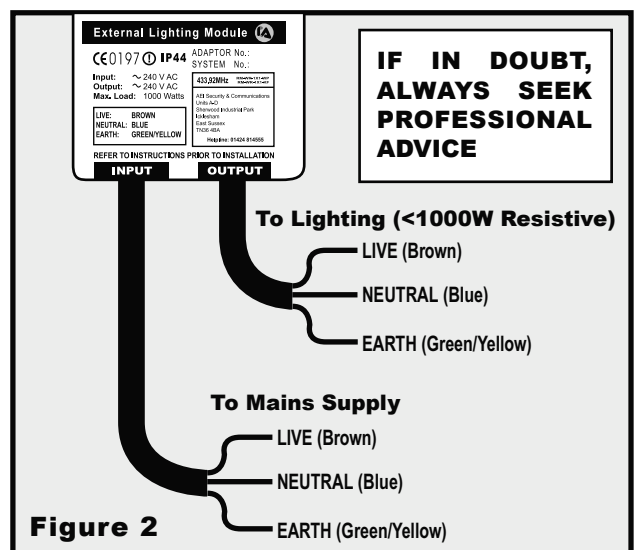


Figure 2

Frequently Asked Questions (F.A.Q.)

Q: Can I use multiple modules in close proximity?

A: ☐ No. Using more than one module in close proximity to each other can create a detrimental effect on the ☐ performance of your system.

Q: What is the typical range I can expect in an average location?

A: ☐ You can expect to obtain a range of between 8 to 25 metres.

☐

Q: The range of my keyfob or wall plate seems rather low!

A: ☐ Range is dependent on many factors including the background radio frequency as well as the intended

- ☐ location . Always test the operation prior to installing and never fix any of the units until you are sure it works
- ☐ in the intended location.

Q: How long does the battery last in the wall plate or keyfob?

A: ☐ We provide a battery capable of maintaining operation of your system for approximately 1 year or longer.

- ☐ Other long life batteries may provide operation up to 3 years.

Q: Can the module be positioned open to the elements?

A: ☐ Yes. The module is designed to be mounted outdoors. However, if you can provide additional protection

- ☐ within a light fitting, porch or location shielded from direct driving rain, then the life expectancy of your module
- ☐ will be increased.

Q: Can the module be fitted inside any type of lighting appliance?

A: ☐ Yes. It is possible to mount this module to a wall face or in any type of lighting enclosure. Avoid areas of

- ☐ excessive heat, and note that metal enclosures may have a detrimental effect on the range of the wall plate.

MAINTENANCE FAQ

Q: Does my system need any maintenance?

A: ☐ Yes - when the wall plate or keyfob battery requires replacement it will simply stop working. However the red

- ☐ light may still operate. No battery is required for the module.

Q: How do I know if the battery is flat?

A: ☐ A good battery should read 12.0 to 13.5 Volts with a DC Multimeter.

Q: What battery should I fit in the wall plate or keyfob?

A: ☐ The battery type is A23 12V. It is available from virtually all electrical retailers.

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UNIT A-D Sherwood Industrial Park
Icklesham, Winchelsea
East Sussex TN36 4BA

<http://www.remoteautomation.co.uk>
Help line: 01424 814555 (Mon-Fri 10-12 AM, 2-4 PM Only)